

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MICRON.248DV1	APPLICATION NO. 10/719,419
<p style="text-align: center;">OPI INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p style="text-align: center;">APR 12 2004 (USE SEVERAL SHEETS IF NECESSARY)</p> <p style="text-align: center;">PATENT &amp; TRADEMARK OFFICE</p>		APPLICANT Tuttle, et al.	
		FILING DATE November 21, 2003	GROUP Unknown

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
hw		5,258,972	11/2/93	Brasfield, et al.	1	1	
		5,391,892	2/21/95	Devereaux, et al.			
		6,155,675	12/5/00	Nice, et al.			
		6,284,107	9/4/01	Zhu, et al.			
hw		6,444,257	9/3/02	Kutt, et al.			

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	

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040704

EXAMINER	<i>Xiao Wang</i>	DATE CONSIDERED	<i>6/2004</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 608; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			

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SHEET 1 OF 1

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. MICRON 248A 248 DV	APPLICATION NO. 10/050,338 Unknown
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Tuttle et al.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE January 16, 2002 <i>Herewith</i>	GROUP Unknown

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>bj</i>	4,953,002	8/28/90	Nelson et al.			
<i>l</i>	5,387,551	2/7/95	Mizoguchi et al.			
<i>l</i>	5,561,265	10/1/96	Livshits et al.			
<i>l</i>	5,640,047	6/17/97	Nakashima			
<i>l</i>	5,902,690	5/11/99	Tracy et al.			
<i>m</i>	5,939,772	8/17/99	Hurst et al.			
<i>m</i>	6,027,948	2/22/00	Jensen et al.			

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
<i>bj</i>	"Easy BGA Packaging for Intel® Flash Memory Devices: Product Overview," Intel.com, (2001), pp. 1-3.
<i>l</i>	"Overview Of Intel Packaging Technology," 1999 Packaging Databook, Ch. 1., pp.1-2.
<i>l</i>	"Preliminary Mechanical and Shipping Media Information for Easy BGA Packages," Easy BGA Mechanical Specification, (May 2000), pp. 1-6.
<i>l</i>	"The Chip Scale Package (CSP)," 2000 Packaging Databook, Ch. 15, pp. 1-12.
<i>m</i>	Mahajan et al., "The Evolution of Microprocessor Packaging," Intel Technology Journal Q3, (2000), pp. 1-10.

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020802

EXAMINER	<i>Karen Mohan</i>	DATE CONSIDERED	<i>6/28/04</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			

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		APPLICANT Tuttle, et al.	
		FILING DATE November 21, 2003	GROUP Unknown

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
M	3,623,032	11/23/71	Schapira			
	4,323,405	4/6/82	Uno, et al.			
	4,423,548	1/3/84	Hulseweh			
	4,839,716	6/13/89	Butt			
	5,559,306	9/24/96	Mahulikar			
	5,668,406	9/16/97	Egawa			
	5,977,626	11/2/99	Wang, et al.			
	5,998,867	12/7/99	Jensen, et al.			
	6,365,960	4/2/02	Pollock, et al.			June 19, 2000
	6,452,253	9/17/02	Tuttle			Aug. 31, 2000
	6,455,864	9/24/02	Featherby, et al.			Nov. 30, 2000
	6,507,101	1/14/03	Morris			March 26, 1999
	6,515,352	2/4/03	Spielberger, et al.			Sept. 25, 2000
	6,531,759	3/11/03	Wachnik, et al.			Feb. 6, 2001
	6,559,521	5/6/03	Tuttle			
	6,566,596	5/20/03	Askew			Dec. 29, 1997
	6,583,987	6/24/03	Skinner, et al.			April 16, 2002
	6,603,193	8/5/03	Crane, Jr., et al.			Sept. 6, 2001
	6,614,102	9/2/03	Hoffman, et al.			May 4, 2001
	6,635,819	10/21/03	Awakura, et al.			April 4, 2001
	6,650,003	11/18/03	Benedetto			Nov. 17, 2000
M	6,664,613	12/16/03	Tuttle			

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010204

EXAMINER	<i>Elmo Huang</i>	DATE CONSIDERED	<i>6/2004</i>
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SHEET 1 OF 1

FORM PTO-1449  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. MICRON 248A 248DV	APPLICATION NO. 49050,399 Unknown
		APPLICANT Tuttle, et al.	
		FILING DATE January 15, 2002 Herewith	GROUP 2818 Unknown

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
my	1	5,406,117	04/11/95	Slugocki, et al.		
	2	5,635,754	06/03/97	Strobel, et al.		
	3	5,650,659	07/22/97	Mostafazadeh, et al.		
	4	5,763,824	06/09/98	King, et al.		
	5	5,736,070	04/07/98	Murakami, et al.		
	6	5,825,042	10/20/98	Strobel, et al.		
	7	5,831,331	11/03/98	Lee		
	8	5,889,316	03/30/99	Strobel, et al.		
	9	6,097,080	08/01/00	Nakanishi, et al.		
	10	6,174,737 B1	01/16/01	Durlam, et al.		
	11	6,429,044 B1	08/06/02	Tuttle		
my	12	6,151,352 B1	02/04/03	Spielberger, et al.		

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

MSO-4552:DOC:afa  
080503

EXAMINER	Chris Hwang	DATE CONSIDERED	5/2004
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